

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND in accordance with the following:

1. (Currently Amended) A security management device including:
a security detection unit to detect a security level of a user apparatus, ~~based upon an access record of the user apparatus accessing a virus information computer;~~
a judging unit to judge whether the security level of the user apparatus reaches a predetermined security level; and
an access control unit, in case the judging unit judges the security level of the user apparatus does not reach the predetermined security level, to restrict as a restriction range an access permission range on a network of the user apparatus to be within a predetermined range on a network to which a security setting guide server management device belongs, wherein the security management device sends a program to the user apparatus and causes the user apparatus to set the security of the user apparatus by executing the program when the security level of the user apparatus does not reach the predetermined security level.
2. (Previously Presented) A security management device according to Claim 1, wherein the access control unit, in case the judging unit judges that the security level of the user apparatus reaches the predetermined level, sets a range wider than the restriction range as the access permission range of the user apparatus.
3. (Currently Amended) A security management device according to Claim 1, wherein the access control unit has a function of controlling a communication route of the user apparatus and, in case the judging unit judges that the security level of the user apparatus does not reach the predetermined level, as the restriction range controls a communication destination of the user apparatus to a ~~[[the]]~~ security setting guide server management device.

4. (Previously Presented) A security management device according to Claim 3, wherein the security setting guide server management device controls updating the virus definition file of the user apparatus.

5. (Currently Amended) A method of managing computer security comprising:
detecting a security level of a user apparatus, ~~based upon an access record of the user apparatus accessing a virus information computer;~~
judging whether the security level of the user apparatus reaches a predetermined security level; ~~[[and]]~~
in case of judging the security level of the user apparatus does not reach the predetermined security level, restricting an access permission range on a network of the user apparatus to be within a predetermined range on a network to which a security setting guide server management device belongs;
sending a program to the user apparatus; and
causing the user apparatus to set the security of the user apparatus by executing the program when the security level of the user apparatus does not reach the predetermined security level.

6. (Previously Presented) A security management method according to Claim 5, wherein in case of judging the security level of the user apparatus reaches the predetermined level, setting a range wider than the restriction range as the access permission range of the user apparatus.

7. (Currently Amended) A security management method according to Claim 5, wherein in case of judging the security level of the user apparatus does not reach the predetermined level, the restricting of the access permission range of the user apparatus comprises changing a communication destination of the user apparatus to a ~~[[the]]~~ security setting guide server management device on the network.

8. (Previously Presented) A security management method according to Claim 7, wherein the security setting guide server management device controls updating the virus definition file of the user apparatus.

9. (Currently Amended) A non-transitory recording medium recorded with a security

management program for making a computer execute:

detecting a security level of a user apparatus, ~~based upon an access record of the user apparatus accessing a virus information computer;~~

judging whether the security level of the user apparatus reaches a predetermined security level; ~~[[and]]~~

in case of judging the security level of the user apparatus does not reach the predetermined security level, restricting an access permission range on a network of the user apparatus to be within a predetermined range on a network ~~to which a security setting guide server management device belongs;~~

sending a program to the user apparatus; and

causing the user apparatus to set the security of the user apparatus by executing the program when the security level of the user apparatus does not reach the predetermined security level.

10. (Currently Amended) A non-transitory recording medium recorded with a security management program according to Claim 9, wherein in case of judging the security level of the user apparatus reaches the predetermined security level, setting a range wider than the restriction range as the access permission range of the user apparatus.

11. (Currently Amended) A non-transitory recording medium recorded with a security management program according to Claim 9, wherein in case of judging the security level of the user apparatus does not reach the predetermined security level, the restricting of the access permission range of the user apparatus comprises changing a communication destination of the user apparatus to a ~~[[the]]~~ security setting guide server management device on the network.

12. (Currently Amended) A non-transitory recording medium recorded with a security management program according to Claim 11, wherein the security setting guide server management device controls updating the virus definition file of the user apparatus.

13. (Currently Amended) A security management system comprising:
a security management device; ~~and~~ ~~[[,]]~~
an apparatus for a user, ~~and a security setting guide device in communication via a network,~~

wherein the security management device ~~comprises~~ executes:

a ~~security-detection unit to detect~~ detecting a security level of a user apparatus,
~~based upon an access record of a user apparatus accessing a virus information computer;~~

a judging unit to judge ~~judging~~ whether the security level of the user apparatus
reaches a predetermined security level, ~~[[; and]]~~

an access control unit, in case the judging unit judges the security level of the
user apparatus does not reach the predetermined security level, to restrict ~~restricting~~ an access
permission range on a network of the user apparatus to be within a predetermined range on a
network ~~to which the security setting guide server management device belongs, and~~

a sending unit to send a program to the user apparatus and to cause the user
apparatus to set the security of the user apparatus by executing the program, when the security
level of the user apparatus does not reach the predetermined security level.

14. (Previously Presented) A security management system according to Claim 13,
wherein the access control unit, in case the judging unit judges the security level of the user
apparatus does not reach the predetermined security level, connects the user apparatus to the
security setting guide device.

15-18. (Cancelled)

19. (Previously Presented) The security management device according to Claim 1,
wherein the user apparatus is established to afford the network.

20. (Previously Presented) The security management device according to claim 1,
wherein the access control unit, in case the judging unit judges that the security level of the user
apparatus has reached the predetermined security level, does not restrict the access permission
range on the network of the user apparatus.

21. (Previously Presented) The security management method according to Claim 5,
wherein the user apparatus is established to afford the network.

22. (Previously Presented) The security management method according to claim 5,
wherein in the case when it is judged that the security level of the user apparatus has reached
the predetermined security level, the access permission range on the network of the user
apparatus is not restricted.

23. (Previously Presented) The security management system according to Claim 13, wherein the user apparatus is established to afford the network.

24. (Previously Presented) The security management system according to claim 13, wherein the access control unit of the security management system, in case the judging unit judges that the security level of the user apparatus has reached the predetermined security level, does not restrict the access permission range on the network of the user apparatus.

25-28. (Cancelled)

29. (Currently Amended) A security management device comprising:
a security detection unit to detect a security level of a user apparatus, ~~based upon a virus definition file of the user apparatus;~~
a judging unit to judge whether the security level of the user apparatus reaches a predetermined security level; and
an access control unit to restrict an access permission range on a network of the user apparatus within a first range on a network ~~to which a security setting guide server management device belongs~~ when the judging unit judges the security level of the user apparatus does not reach the predetermined security level, and to set the access permission range on the network to a second range that exceeds the first range when the judging unit judges the security level of the user apparatus reaches the predetermined security level, wherein
the security management device sends a program to the user apparatus and causes the user apparatus to set the security of the user apparatus by executing the program when the security level of the user apparatus does not reach the predetermined security level.

30. (Previously Presented) The security management device according to claim 29, wherein the access control unit restricts the user apparatus to access and/or become accessible to apparatuses within the first range on the network including the security management device and an apparatus that provides the virus definition file to the user apparatus.